

**From:** Stevie Wilding/ESC/R3/USEPA/US  
**Sent:** 4/18/2012 4:40:14 PM  
**To:** Caporale.Cynthia@epamail.epa.gov  
**CC:** Robin Costas/ESC/R3/USEPA/US@EPA; Adam Molnar/ESC/R3/USEPA/US@EPA  
**Subject:** Re: Fw: Elevated QL

There are seven Work Orders for Dimock.

1201013 -- This report did have Alcohols with 1-butanol in the report. This would have been the first week.

1201015

1202001

1202003

1202004

1202005

1203001 -- This last report had many of the parameters removed. Alcohol was one. Possibly they are referring to the last week.

Robin -- could you check the EDD?

**From:** Cynthia Caporale/ESC/R3/USEPA/US  
**To:** Stevie Wilding/ESC/R3/USEPA/US  
**Cc:** Robin Costas/ESC/R3/USEPA/US@EPA, Adam Molnar/ESC/R3/USEPA/US@EPA  
**Date:** 04/18/2012 04:23 PM  
**Subject:** Re: Fw: Elevated QL

Can we check to see if we reported it? Is it in the EDD?

**From:** Stevie Wilding/ESC/R3/USEPA/US  
**To:** Cynthia Caporale/ESC/R3/USEPA/US@EPA  
**Cc:** Robin Costas/ESC/R3/USEPA/US@EPA  
**Date:** 04/18/2012 04:20 PM  
**Subject:** Re: Fw: Elevated QL

This was on the Alcohol analyte list. I looked at the shipping and all the samples we received had Alcohol analysis. It should be there.

**From:** Cynthia Caporale/ESC/R3/USEPA/US  
**To:** Stevie Wilding/ESC/R3/USEPA/US  
**Cc:** Robin Costas/ESC/R3/USEPA/US@EPA  
**Date:** 04/18/2012 03:51 PM  
**Subject:** Fw: Elevated QL

Please verify that 1-butanol was an analyte under alcohols or VOAs. And if this was reported by us please find out why we did not report the first week of sampling.

I had looked at TestAmerica data back when the first set of samples were released and I thought it was from that lab.

Cynthia Caporale, Chief  
OASQA Laboratory Branch

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Environmental Science Center  
Fort Meade, MD  
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----- Forwarded by Cynthia Caporale/ESC/R3/USEPA/US on 04/18/2012 03:49 PM -----

From: Kelley Chase/R3/USEPA/US  
To: Cynthia Caporale/ESC/R3/USEPA/US@EPA  
Cc: Robin Costas/ESC/R3/USEPA/US@EPA  
Date: 04/18/2012 03:12 PM  
Subject: Re: Fw: Elevated QL

Cindy -

With respect to the 1-butanol - did a quick check of the Scribe database. Looks like the analysis for 1-butanol was not run during the first week of sampling. The analysis was run (by R3 lab) for subsequent weeks.

Not additional info needed.

Thanks again for all your help - Kelley

From: Cynthia Caporale/ESC/R3/USEPA/US  
To: Robin Costas/ESC/R3/USEPA/US@EPA, Kelley Chase/R3/USEPA/US@EPA  
Date: 04/18/2012 02:41 PM  
Subject: Fw: Elevated QL

Since the sample number I was working with this morning was incorrect I have re-written the response to Rich as a generic response.

Cynthia Caporale, Chief  
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----- Forwarded by Cynthia Caporale/ESC/R3/USEPA/US on 04/18/2012 02:39 PM -----

Cynthia Caporale/ESC/R3/USEPA/US wrote on 04/18/2012 02:39:24 PM:

> From: Cynthia Caporale/ESC/R3/USEPA/US  
> To: Richard Rupert/R3/USEPA/US  
> Date: 04/18/2012 09:36 AM  
> Subject: Elevated QL  
>  
> Rich,  
>  
> As per our discussion this morning, some compounds may have elevated  
> quantitation limits (reporting limits) for pentachlorophenol.  
> Below are the reasons; however, to assess a particular data point  
> and the associated reason I would need to know the sample number.  
>  
> During the project level review the QL can be elevated for two reasons:  
>  
> Blank contamination: When a target compound is present in a blank  
> (method or field) the laboratory will qualify the sample result(s)  
> with a "B" when the value is at least 5x and sometimes 10x the blank

> value. For the project level review the National Functional  
> Guidelines were used and the procedures for blank contamination  
> require the quantitation limit to be elevated (to the level of the  
> highest associated blank) and qualified "U" as non-detect.  
>  
> QC criteria not met: When a low-spike quality control sample has a  
> recovery of 0% for a particular compound, the QL is raised to the  
> level of the next QC sample (mid-level spike QC sample).  
>  
> I've attached the lab reported submitted for organics that was used  
> for the project level review.  
>  
> [attachment "1201013 FINAL PART 2 of 3 R33907 02 11 12 1537.pdf"  
> deleted by Cynthia Caporale/ESC/R3/USEPA/US]  
>  
> Cynthia Caporale, Chief  
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